

Message

From: Sun, Meng@OEHHA [meng.sun@oehha.ca.gov]
Sent: 5/24/2018 9:27:48 PM
To: Houck, Keith [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=ed8dcdb7bb474016a3f3a53e54c03a8d-Houck, Keith]
Subject: RE: Requesting a copy of the mapping spreadsheet for ToxCast assays

Hello Dr Houck,

Thank you and Dr Guyton so much for sending the latest mapping table to us. This is very helpful! We will use it for analyzing the ToxCast data for our cancer hazard identification candidate.

Best,
Meng

Meng Sun, PhD, MS
Staff Toxicologist
Office of Environmental Health Hazard Assessment
California Environmental Protection Agency
Email: meng.sun@oehha.ca.gov

From: Houck, Keith [mailto:Houck.Keith@epa.gov]
Sent: Thursday, May 24, 2018 1:43 PM
To: Sun, Meng@OEHHA <meng.sun@oehha.ca.gov>
Subject: RE: Requesting a copy of the mapping spreadsheet for ToxCast assays

Hello,

Kate asked me to provide you with a copy of the latest mappings of ToxCast assays to Key Characteristics. I am attaching a table with the latest version of these from our internal discussions. These will be used in the Volume 122 meeting.

Please let me know if you have any questions.

Best regards,
Keith

Keith Houck, PhD
National Center for Computational Toxicology (D143-02)
Office of Research & Development
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919-541-5519 (office)
Houck.Keith@epa.gov

From: Kathryn Guyton [mailto:GuytonK@iarc.fr]
Sent: Friday, May 11, 2018 3:48 AM
To: Houck, Keith <Houck.Keith@epa.gov>
Subject: FW: Requesting a copy of the mapping spreadsheet for ToxCast assays

Dear Keith,

Cal EPA OEHHA seems keen to understand and apply this approach; I'd be grateful if you would please clarify the number of assays mapped, as asked below. Please do not hesitate to reply to Meng directly, and to inform me if there is a version of the spreadsheet that would be useful for us to post with Monograph v115 (or another volume, including a future Monograph, such as v122).

Many thanks,
With kind regards,

Kate

Kate Z. Guyton, PhD DABT
Scientist, Monographs Section

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International Agency for Research on Cancer



Cancer Research for Cancer Prevention

From: "Sun, Meng@OEHHA" <meng.sun@oehha.ca.gov>

Date: Thursday 10 May 2018 at 20:05

To: Kate Guyton <guytonk@iarc.fr>

Subject: RE: Requesting a copy of the mapping spreadsheet for ToxCast assays

Hi Dr Guyton,

Thank you so much for the message. Yes this was what we were hoping to get. We will use it for mapping the active assays for our chemicals of interest. And I think it will be helpful to post this on your website so other folks who wants to use the IARC approach can follow.

One thing I noticed is the different numbers of ToxCast assays mapped to a characteristic. In the table you sent me, 299 assays are mapped, while in the v115 it's 281 assays. I know assay mapping is probably an ongoing project, and ToxCast adds new assays to their system every now and then. So I guess the 299 could be a more recent development than the 281? If you decide to post the table with the 299 mapped assays, maybe you could point out that this is a newer development since the Monograph 115 was published?

Thanks again for your time and help!

Meng

Meng Sun, PhD, MS
Staff Toxicologist
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Email: meng.sun@oehha.ca.gov

From: Kathryn Guyton [<mailto:GuytonK@iarc.fr>]
Sent: Thursday, May 10, 2018 5:25 AM
To: Sun, Meng@OEHHA <meng.sun@oehha.ca.gov>
Subject: FW: Requesting a copy of the mapping spreadsheet for ToxCast assays

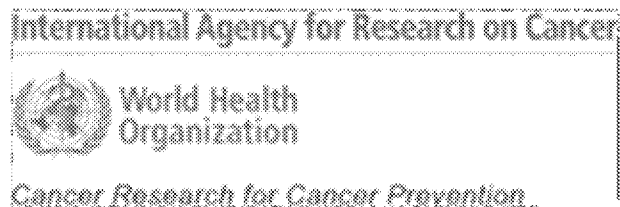
Dear Meng,

Please see the attached file, which I hope addresses your request, but please do not hesitate if not (or if having this posted on our website with the v115 publication would be helpful).

With kind regards,

Kate
Kate Z. Guyton, PhD DABT
Scientist, Monographs Section

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From: "Sun, Meng@OEHHA" <meng.sun@oehha.ca.gov>
Date: Wednesday 2 May 2018 at 19:00
To: Kate Guyton <guytonk@iarc.fr>
Subject: RE: Requesting a copy of the mapping spreadsheet for ToxCast assays

Hello Dr Guyton,

Thank you so much for getting back to me so quickly.

Yes we have been using the spreadsheets you kindly pointed us to, each containing 263 or 265 assays mapped, and a separate sheet for the assays in which the chemicals were tested for. We are seeking an updated mapping table because on Page 61 of the most recent monograph (#115), it says that IARC has recently reviewed an additional 18 assay endpoints and added to their mapping. However, the spreadsheet that comes with this monograph (can be found here <http://monographs.iarc.fr/ENG/Monographs/vol115/index.php>) only includes 258 out of the 281 assays mapped. These

258 are probably what the five chemicals were tested for. In order to use the spreadsheet for our chemical of interest, it'd be great to have the whole set of 281 assays.

Thanks again for taking the time and effort to help us.

Meng

From: Kathryn Guyton [mailto:GuytonK@iarc.fr]
Sent: Wednesday, May 2, 2018 5:47 AM
To: Sun, Meng@OEHHA <meng.sun@oehha.ca.gov>
Subject: Re: Requesting a copy of the mapping spreadsheet for ToxCast assays

Dear Meng Sun,

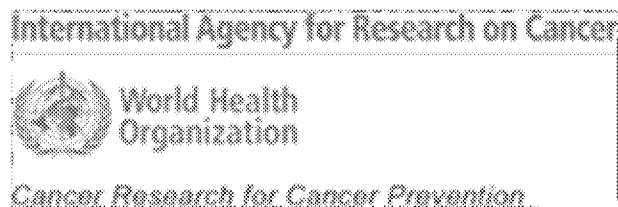
Thank you for your message. Perhaps the spreadsheet from v112 (at [Section 4.3 Spreadsheet \(.xlsx\)](#) or from v113 (at [Section 4.3 Spreadsheet \(.xlsx\)](#)) may be what you are looking for, as referenced in <https://www.altex.org/index.php/altex/article/view/98/135> ?

With kind regards,

Kate

Kate Z. Guyton, PhD DABT
Scientist, Monographs Section

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From: "Sun, Meng@OEHHA" <meng.sun@oehha.ca.gov>

Date: Tuesday 1 May 2018 at 23:33

To: Kate Guyton <guytonk@iarc.fr>

Subject: Requesting a copy of the mapping spreadsheet for ToxCast assays

Dear Dr Guyton,

I am a toxicologist working for OEHHA at California EPA. Several of my colleagues are familiar with you and have met your recently. We are trying to follow IARC's approach of mapping the Tox21 and ToxCast assays to the key characteristics of carcinogens. Would you be so kind to provide us a copy of the most updated mapping spreadsheet of the 281 assays? In the supplementary material for Monograph 115, there are only 258 assays mapped and I understand that's what those chemicals were tested for.

Your help will be greatly appreciated. It will help with our hazard identification process. Thank you so much.

Sincerely,

Meng

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